



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/893,524	06/29/2001	Paul D. Perry	51481-5069	2982

28524 7590 12/09/2002

SIEMENS CORPORATION  
INTELLECTUAL PROPERTY DEPARTMENT  
186 WOOD AVE. SOUTH  
ISELIN, NJ 08830

EXAMINER
----------

GUSHI, ROSS N

ART UNIT	PAPER NUMBER
----------	--------------

2833

DATE MAILED: 12/09/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/893,524

Applicant(s)

PERRY ET AL.

Examiner

Ross N. Gushi

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 29 October 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 19 is/are allowed.
- 6) ☒ Claim(s) 1-4 and 14-18 is/are rejected.
- 7) ☒ Claim(s) 5-13 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) J /
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

Art Unit: 2833

## DETAILED ACTION

### *Election/Restrictions*

Claims 20 and 21 have been cancelled as per Applicant's Response the Restriction Requirement, paper number 9.

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in —

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a);

Claims 1-4 and 14-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Mason et al. ("Mason"). Mason discloses a mount 30 for an electrical device 12 including a body and a plurality of electric contacts 18, the body having a base and at least one lateral face extending from the base, and the plurality of electric contacts projecting a first distance from the base (see attachment), the mount comprising: an electric terminal 32 being adapted to be soldered to at least one of the plurality of electric contacts; and a platform (the portions of transverse portion 36 sandwiched between the terminal and the base) adapted for spacing at a second distance the base

Art Unit: 2833

from the electric terminal, the second distance being substantially equal to the first distance (see attachment).

Per claim 2 the electric terminal extends along an axis and comprises: a first portion having a first cross-section transverse with respect to the axis; and a second portion having a second cross-section transverse with respect to the axis, the second cross-section being smaller than the first cross-section (see attachment).

Per claim 3, the platform is adapted to be contiguously sandwiched between the base and the second portion.

Per claim 4, the first and second cross-sections are generally rectangular, the first portion comprises a first width transverse with respect to the axis and a first height transverse with respect to the axis and perpendicular to the first width, and the second portion comprises a second width transverse with respect to the axis and a second height transverse with respect to the axis and perpendicular to the second width, and the second height is less than the first height (see attachment).

Per claim 14, the mount further comprises a housing supporting the terminal such that the terminal is contiguously sandwiched between the housing and the platform (see attachment).

Per claim 15 the housing comprises a plurality of fingers (38, 40) projecting from the housing and adapted to contiguously engage the at least one lateral face.

Per claim 16 the plurality of fingers are distributed on opposite sides of the terminal.

Per claim 17, the housing comprises an electric insulator and the terminal comprises an electric conductor.

Per claim 18, the platform and the housing commonly comprise a homogenous molding.

### ***Allowable Subject Matter***

Claims 5-13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claim 5, the prior art does not suggest the mount as claimed, including the combination of all the claimed elements, the combination including that the platform comprises a platform height transverse with respect to the axis, the platform height being substantially equal to a difference between the first and second heights.

Regarding claim 6, the prior art does not suggest the mount as claimed, including the combination of all the claimed elements, the combination including that the second width is less than the first width.

Claim 19 is allowable. Regarding claim 19, the prior art does not suggest the arrangement as claimed, including the combination of all the claimed elements, the combination including the switch including the plurality of terminals as claimed, including the first, second, and third portions having the dimensions as claimed, and the sandwiched platform having the dimensions as claimed.

### ***Conclusion***

Art Unit: 2833

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ross Gushi whose telephone number is (703) 306-4508. If attempts to reach the examiner by phone are unsuccessful, the examiner's supervisor, Paula A. Bradley, can be reached at (703) 308-2319. The phone number for the Group's facsimile is (703) 308-7766

rng

A handwritten signature in black ink, appearing to read "Ross Gushi", with a stylized flourish at the end.